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Atty Ref. SMG-200-A-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kutzko et al.

Serial Number: 09/644,503

Filing Date: 8/24/00

Group Art Unit: 2121

Examiner: Unknown

Title: METHOD AND SYSTEM FOR USE IN TREATING A PATIENT  
WITH AN ANTICOAGULANT....

**RECEIVED**

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Technology Center 2600

**VOLUNTARY AMENDMENT-A**

Box Non-Fee Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In connection with the above-identified patent application, please implement the following amendments.

**IN THE SPECIFICATION:**

Page 5, please insert the following paragraph between lines 13 and 14:- the present invention provides a method and system for use in treating a patient receiving an anticoagulant or a substance containing warfarin to optimize therapy and to prevent an adverse drug response. This system employs surrogate markers or indicators including blood levels of the anticoagulant to determine the next required dose for a patient. Because the surrogate markers are employed as a percent change in status, virtually any indicator can be used. Surrogate markers could include any measure of the effectiveness of the anticoagulant's action. Given the effectiveness of the anticoagulant's action relative to the surrogate markers, a change in anticoagulant dose is calculated by the system. Conversely, by employing this system, one could determine the expected result of the anticoagulant dose change on the surrogate markers.- - .

Page 4, line 5, change "Since" to - - Because - - .